Dani Jaffal

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Summary

Passionate Computer Science student with expertise in analytical problem-solving, software development, and database systems. Proficient in C++, Java, Python, and agile methodologies, with experience building scalable solutions in diverse, cross-functional teams. Thrives in dynamic environments, exploring cutting-edge technologies and automating processes for excellence, with a keen interest in fintech innovation. Eager to contribute by delivering impactful projects with effective communication and teamwork, ensuring quality and efficiency.

Education

Bachelor of Science in Computer Science Minor in AI, American University of Beirut   Graduation: Spring 2026

Relevant Coursework: OOP, Discrete Algorithms, Data Structures, Database Systems
- Received a scholarship from LIFE, demonstrating exceptional academic records, leadership, and community service.
- Member of the Computer Science Student Society.
- Member of the Title IX Student Committee.

French Baccalaureate, Lycée Franco-Libanais Verdun   Graduated: July 2021
- Achieved 3rd place ranking in the Middle East out of 4600 participants in the "Mathématiques Sans Frontières" Competition.

Experience

Research Assistant, MedCare AI — American University of Beirut   September 2024 - Present
- Collaborated with other Phd researchers as part of the URVP program to globalize biological marker nomenclature and develop a unified app between laboratories, health professionals, and patients - MedCare AI.
- Processed more than 100,000 markers from the Loinc database using IBM db2, streamlining them into a couple hundred.
- Assisted in the design and development of a unified single mobile app that utilizes artificial intelligence to assess the urgency and importance of patient information, ensuring timely delivery of alerts without the need of third-party interference.
- Engaged in the implementation of advanced security protocols to protect patient data.

Cultural Committee Chair, AUB Secular Club — Beirut, Lebanon   April 2024 - Present
- Led and managed a team of 10 members to organize events and discussions.
- Conducted extensive research on a wide range of topics spanning various fields, including cultural, economic, and political.
- Collaborated with external speakers to host interdisciplinary events and curated their workshops, content, and promotional activities.

Social Media Manager, AUB Secular Club — Beirut, Lebanon   August 2023 - April 2024
- Organized the social media accounts of the club across 4 different platforms.
- Created, curated, and polished posts that reached over 2000 people each.
- Maintained and ensured the smooth operation of the club's website.
- Effectively advertised and promoted the different events hosted by the club, leading to an average of 150 attendees per event.

Youth Character Educator, Beyond Learning — Beirut, Lebanon   July 2023 - August 2024
- Youth Character Educator in Loompaland Summer Camp, committed to developing the character of kids and teens and building skills.
- Completed the 40-hour Capacity Building and Training Program, and becoming a certified and experienced Youth Character Educator.
- Implemented the values of family, citizenship, respect, and equality in a team of 20 teens and 3 other educators, incuding special cases.
- Engaged in Pay-It-Forward missions, helping teens work on giving back to the community.
- Adapted communication skills to different audiences and age levels, tackling specific and relevent topics and problems.

Host (freelance), Mahola Hôtesses — Paris 8e, France   August 2022 - Present
- Welcomed hundreds of guests to dinners, galas, and public/private charity events.
- Contributed to the implementation of a safe and welcoming environment for both the other hosts and the guests.

Field Officer Volunteer, DAFA Foundation — Beirut, Lebanon   July 2020 -August 2020
- Helped families in need, with food and clothing distributions.
- Contributed to improving the well-being of individuals in challenging environments, inspiring positive change.

Skills

Programming Languages: Java, HTML, CSS, MySQL, IBM db2, Python, C++, Swift.
Languages: English, French, Arabic.